

PRODUCT DESCRIPTION: OVR-8 is a medium grey, one-part, trowel applied, elastomeric, moisture cure urethane membrane formulated to reduce moisture vapor transmission from the subfloor; create a noise reduction barrier over the substrate; establish an anti-fracture membrane that can bridge cracks that can occur in the substrate prior to or after installation (up to 1/8"); prior to the installation of Nydree Engineered Hardwood Flooring with UP-28 flooring adhesive. OVR-8 may be used over all substrates common to hardwood flooring installations including concrete, plywood, well-bonded vinyl, ceramic tile, cement patch/underlayments, radiant heat flooring and terrazzo. OVR-8 may be applied to fresh "green" concrete as soon as it has achieved "initial set" (where concrete can be walked on without disturbing the surface). OVR-8 contains antimicrobial protection which inhibits the growth of bacteria, mold or mildew on the surface of the dried membrane; the dried membrane resists stains caused by mold. OVR-8 is extremely alkaline resistant and waterproof, has low odor, is freeze-thaw stable and trowels very fast.

DIRECTIONS FOR USE: When Calcium Chloride test results (ASTM F1869) are equal to or greater than 8 lbs. or insitu relative humidity (ASTM F2170) results are greater or equal to 85%, or there is concern over future subfloor moisture, apply a layer of OVR-8 according to installation directions and allow material to cure for a minimum of 12 hours. OVR-8 can also be used to address substrate cracks (up to 1/8"), or for sound control. Follow with plank installation using Nydree Flooring UP-28 adhesive.

SURFACE PREPARATION: Surfaces must be clean, dry (no standing water or wetness on the surface) and smooth; free of voids, projections, loose materials, oil, grease, concrete sealers, concrete curing compounds, coatings, dust and all other surface contaminants.

How to determine if a substrate is dry: Place a dry newspaper over the area in question. Walk on the newspaper, lift it up and inspect it. If the newspaper is moist or wet, then OVR-8 can not be used.

How to determine if concrete has a sealer or curing compound: Place a few droplets of water onto the concrete surface throughout the job site. If the water is absorbed into the surface, it is free from any sealer or curing compound. However, if the water beads up and doesn't soak into the concrete, chances are that the surface has been sealed and that sealer will have to be removed before the OVR-8 protective layer can be used. Most sealers and curing compounds can be removed mechanically using a sanding machine. However some bond breakers and sealers will require a more aggressive technique; such as titanium plated discs or sand blasting. Be sure to understand the type of contaminate and choose a removal method that is best suited for the particular situation.

Completely remove cutback adhesive residue by sandblasting, shotblasting or scarifying. When sandblasting, shotblasting or scarifying, surface texture must be similar to light broom finished concrete. Maximum acceptable floor variation is 3/16" in 10 feet. Surface areas requiring patching or leveling must be done prior to the application of OVR-8. Suggested patching products include: Bostik Fast Patch 102™, Durabond Webcrete™ Ultra Finish and Durabond Webcrete™ 95. Suggested self-leveling underlayments include: Bostik SL-150™ and Durabond™ 83P.

INSTALLATION: Sweep and vacuum the entire installation area to ensure that it is free from any dust or dirt. This step is critical because any debris, dust or dirt on the substrate that is bigger than the size of the trowel notch will clog the opening and create gouge marks in the protective covering as it is applied.

Apply OVR-8 using the notched side of a V-Notch Trowel (3/16" wide x 5/32" deep) to achieve a flat, uniformly thick 30-mil membrane (thickness of a credit card). OVR-8 is designed to level and heal with little need for flat-troweling to achieve a continuous membrane.

COVERAGE: 40-45 sq. ft per gallon using a V-Notch Trowel (3/16" wide x 5/32" deep). Substrate must have full membrane coverage; membrane voids may be filled or patched during the wood flooring glue down installation with Nydree Flooring UP-28 adhesive.

OVR-8 Self-Leveling Moisture Retarder

CURE TIME: Humidity affects cure to a greater degree than temperature; the higher the humidity, the faster the cure. Keep off membrane until material cures; usually 12 to 16 hours. Keep in mind that the cured membrane is typically still tacky after 12-16 hours. To help protect the cured membrane from scuffing, tears, scratches, dust, dirt, or other jobsite contamination, install Nydree flooring as soon as possible. Flooring must be installed on the OVR-8 membrane within two weeks using UP-28 adhesive.

CLEAN UP: Immediately clean all tools and equipment with mineral spirits before material cures. **CAUTION:** Once cured this material may only be mechanically removed; which may damage some surfaces.

LIMITATIONS:

- Installation/jobsite temperature must be 60°-90°F (15°-32°C). The relative humidity should be between 30 and 55%.
- Do not use over concrete slabs treated with sealers or curing compounds.
- Due to inherent limitations with gypsum based materials in wet/moist environments, gypsum based patches/underlayments should not be used with OVR-8 to treat moisture related issues.
- Use of OVR-8 over gypsum based patch/underlayments is limited to dry, “above-grade” installations where the gypsum has dried hard (not dusty/powdery), with a minimum compressive strength greater than 2000 psi when OVR-8 is only used as a noise reduction barrier and anti-fracture membrane.
- Completely remove cutback adhesive residue (and other surface contaminants) by sandblasting, shotblasting, or scarifying.
- Do not use OVR-8 as an adhesive.
- Do not use in areas subject to hydrostatic head.
- Do not use OVR-8 below VCT/vinyl or other flooring materials.

NOTE:

- This membrane is designed to reduce moisture vapor emissions that originate/emanate from below membrane only.
- This membrane does NOT reduce/affect issues originating from the sides, ends, or top of flooring (ie. puddles, water, leaks, hydrostatic-head, etc.)
- This membrane does NOT eliminate all possible moisture related or install related issues (i.e. improper acclimation of flooring, jobsite temperature/relative humidity, etc.)
- This membrane is designed to prevent excessive variance of moisture between the top, middle, and bottom of flooring that originates from the substrate.

STORAGE/SHELF LIFE: Store at temperatures between 50 °F and 100 °F Shelf life is one year from date of manufacturing in closed, original packaging. Storing at temperatures below 50 °F may affect the self-leveling properties of the product.

REQUIRED TROWEL:



(Actual Trowel Notch Size)

A V-Notch Trowel (3/16” wide x 5/32” deep) is required for product to properly heal and to form a continuous 30-mil membrane. Keep trowel clean when not in use. This will prevent cured material from plugging the trowel notches. If trowel notches become clogged with cured material or become worn, clean to allow proper coverage or replace trowel blade.

RE-SEAL PARTIALLY USED CONTAINER: With pail upright place a sheet of plastic (e.g. trash bag) over the top of the pail. Secure lid tightly over the plastic on top of pail. Carefully turn pail upside down. Plastic will help prevent the material from bonding the lid closed.

RE-OPEN PARTIALLY USED CONTAINER: Carefully turn pail right side up. Remove lid. Carefully cut and discard cured material and plastic from top of pail. Any uncured material may be used.

PACKAGING: OVR-8 is available in 5 gallon pails.

WARRANTY: See Nydree Flooring OVR-8 Moisture Warranty.

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